

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A process for extracting a borane compound from a separation medium and oxidizing said borane compound, the process comprising contacting the separation medium with a regeneration solution comprising at least one compound of the formula $R_1\text{-CO-R}_2$, wherein R_1 is selected from hydrogen or an alkyl group having from 1 to about 6 carbon atoms and wherein R_2 is selected from an alkyl group having from 1 to about 6 carbon atoms, and at least one diluent.

Claim 2 (original): The process of claim 1 wherein said at least one compound of the formula $R_1\text{-CO-R}_2$ is a ketone.

Claim 3 (original): The process of claim 2 wherein said ketone is selected from the group consisting of acetone, dihydroxyacetone, fructose, dextrose, sucrose and mixtures thereof.

Claim 4 (withdrawn): The process of claim 1 wherein said at least one compound of the formula $R_1\text{-CO-R}_2$ is an aldehyde.

Claim 5 (withdrawn): The process of claim 4 wherein said aldehyde is selected from the group consisting of formaldehyde, acetaldehyde, glyoxal, glyoxylic acid and mixtures thereof.

Claim 6 (original): The process of claim 1 wherein said at least one compound of the formula $R_1\text{-CO-R}_2$ is present in an amount from about 10 to about 50 percent by volume and wherein said diluent is present in an amount from about 50 to about 90 percent by volume.

Claim 7 (original): The process of claim 6 wherein said at least one compound of the formula $R_1\text{-CO-R}_2$ is present in an amount from about 25 to about 50 percent by volume and wherein said diluent is present in an amount from about 75 to about 50 percent by volume.

Claim 8 (original): The process of claim 7 wherein said at least one compound of the formula $R_1\text{-CO-R}_2$ is present in an amount of about 50 percent by volume and wherein said diluent is present in an amount of about 50 percent by volume.

Claim 9 (original): The process of claim 2 wherein said diluent comprises at least one alcohol.

Claim 10 (original): The process of claim 9 wherein said alcohol is selected from the group consisting of methanol, ethanol, n-propanol, isopropanol, ethylene glycol, propylene glycol, glycerol, and mixtures thereof.

Claim 11 (currently amended): The process of ~~claim 11~~ claim 10 wherein said ketone is acetone and said alcohol is isopropanol.

Claim 12 (original): The process of claim 11 wherein said acetone is present in an amount from about 10 to about 50 percent by volume and wherein said isopropanol is present in an amount from about 50 to about 90 percent by volume.

Claim 13 (original): The process of claim 11 wherein said acetone is present in an amount from about 25 to about 50 percent by volume and wherein said isopropanol is present in an amount from about 75 to about 50 percent by volume.

Claim 14 (original): The process of claim 13 wherein said acetone is present in an amount of about 50 percent by volume and wherein said isopropanol is present in an amount of about 50 percent by volume.

Claim 15 (original): The process of claim 1 wherein said separation medium is an adsorption resin.

Claim 16 (original): The process of claim 1 wherein the diluent includes at least one alcohol and water.

Claim 17 (original): The process of claim 16 wherein said at least one compound of the formula R_1-CO-R_2 is present in an amount from about 40 to about 45 percent by volume, wherein the alcohol is present in amount from about 40 to about 45 percent by volume and wherein water is present in amount from about 5 to about 20 percent by volume.

Claim 18 (original): The process of claim 17 wherein said at least one compound of the formula R_1-CO-R_2 is present in an amount of about 45 percent by volume, wherein the alcohol is present in amount of about 45 percent by volume and wherein water is present in amount from of about 10 percent by volume.

Claim 19 (original): The process of claim 17 wherein said at least one compound of the formula R_1-CO-R_2 is a ketone selected from the group consisting of acetone, dihydroxyacetone, fructose, dextrose, sucrose and mixtures thereof, or

an aldehyde selected from the group consisting of formaldehyde, acetaldehyde, glyoxal, glyoxylic acid and mixtures thereof.

Claim 20 (original): The process of claim 17 wherein said alcohol is selected from the group consisting of methanol, ethanol, n-propanol, isopropanol, ethylene glycol, propylene glycol, glycerol, and mixtures thereof.

Claim 21 (original): The process of claim 20 wherein said at least one compound of the formula $R_1\text{-CO-R}_2$ is a ketone and said ketone is present in an amount of about 45 percent by volume, wherein said alcohol is isopropanol and said isopropanol is present in amount of about 45 percent by volume, and wherein water is present in amount from of about 10 percent by volume.

Claim 22 (original): The process of claim 2 wherein the borane compound is dimethylamine borane.

Claim 23 (withdrawn): The process of claim 22 wherein said at least one compound of the formula $R_1\text{-CO-R}_2$ is acetone and wherein said diluent is isopropanol.

Claim 24 (withdrawn-currently amended): The process of claim 23 wherein the amount of said acetone present in the solution is 10 percent by volume and wherein the amount of isopropanol in the solution is 90 percent by volume.

Claim 25 (withdrawn-currently amended withdrawn): The process of claim 23 wherein the amount of said acetone present in the solution is 50 percent by volume and wherein the amount of isopropanol in the solution is 50 percent by volume.

Claim 26 (withdrawn): The process of claim 22 wherein said at least one compound of the formula $R_1\text{-CO-R}_2$ is acetone and wherein said diluent is water.

Claim 27 (withdrawn-currently amended): The process of claim 26 wherein the amount of said acetone present in the solution is 10 percent by volume and wherein the amount of water in the solution is 90 percent by volume.

Claim 28 (original): The process of claim 22 wherein said at least one compound of the formula $R_1\text{-CO-R}_2$ is acetone and wherein said diluent is a mixture of isopropanol and water.

Claim 29 (currently amended): The process of claim 28 wherein the amount of said acetone present in the solution is 45 percent by volume, wherein the amount of isopropanol in the solution is 45 percent by volume, and wherein the amount of water present in the solution 10 percent by volume.